## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):							
BAKOS, Gregory J. 6330 Redwood Court, Mason, Ohio 45040 USA GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02780 USA SWAIN, Christopher Paul, 41 Willow Road, London, England NW3 1TN UNITED KINGDOM LONG, Gary L., 3722 Pleasant Street, Cincinnati, OH 45227 US UCL BioMedica Plc, C/O Finance, Gower Street, London WC1E 6BT UNITED KINGDOM							
nereby appoints (appoint) the following person as:							
Name and address (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)							
JOHNSON, Philip S. & GRESSEL, Gerry S. Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933 US							
to represent the undersigned before all the competent International Authorities							
the International Searching Authority only							
the International Preliminary Examining Authority only							
in connection with the international application identified below:  Title of the invention: GUIDE WIRE HAVING BENDING SEGMENT							
Applicant's or agent's file reference: END-5244PCT							
International application number (if already available): N/A							
filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.							
Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs is such capacity is not obvious from reading the request or this power):							
Gary L. Long, Inventor Hand X X Date 30 St. 2 2005							
Gregory J. Bakos, Inventor							
Kevin K. GEE, Inventor Date							
Scott J. TIERNEY, InventorDate							
Date:							

Form PCT/Model of power of attorney (for a given international application) (July 1992)

## **POWER OF ATTORNEY**

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated	as thev	appear in the reauest	t):					
BAKOS, Gregory J. 6330 Redwood Court, Mason, Ohio 45040 USA GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02780 USA								
SWAIN, Christopher Paul, 41 Willow Road, London, England NW3 1TN UNITED KINGDOM LONG, Gary L., 3722 Pleasant Street, Cincinnati, OH 45227 US UCL BioMedica Plc, C/O Finance, Gower Street, London WC1E 6BT UNITED KINGDOM								
hereby appoints (appoint) the following person as:	X	agent		common representative				
Name and address (Family name followed by given name; for a legal entity, full of	official (	designation. The addre	ess mus	t include postal code and name of country.)				
JOHNSON, Philip S. & GRESSEL, Gerry S. Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933 US								
to represent the undersigned before	×	all the competent Is	nternat	tional Authorities				
		the International Se	earchir	ng Authority only				
		the International Pr	relimin	ary Examining Authority only				
	ш							
in connection with the international application identific	ed belo	ow:						
Title of the invention: GUIDE WIRE HAVING BENDING SEGMENT								
Applicant's or agent's file reference: END-5244PCT								
International application number (if already available): N/A								
filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.								
Signature of the applicant(s) (where there are several applicant the capacity in which the person				nature, indicate the name of the person signing and reading the request or this power):				
Gary L. Long, Inventor			Da	te				
Gregory J. Bakos, Inventor	ti	<del>প</del> ী	Da	ite September 29,2005				
Kevin K. GEE, Inventor		<del>-</del>	D	ate				
Scott J. TIERNEY, Inventor			D	ate				
Date:	_	_						

### POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):  BAKOS, Gregory J. 6330 Redwood Court, Mason, Ohio 45040 USA GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02780 USA GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02780 USA GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02780 USA GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02066 USA TIERNEY, Inventor  Title of the Inventional application identified below:  Title of the Inventions GUIDE WIRE HAVING BENDING SEGMENT  Applicant's or agent's file reference: END-5244PCT  International application number (if already available): N/A filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are served applicant, each of them must rige: mean to each rigoshare; indicate the name of the person signing and the capacity in which the person signing and the capacity in which the person signing and file operators. In the person signing and the capacity in which the person signing and file operators. In pate 12 Missachusetts 12 Missachusett							
GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 027678 USA SWAIN, Christopher Paul, 41 Willow Road, London, England NW3 1TN UNITED KINGDOM LONG, Gary L., 3722 Pleasant Street, Cincinnati, OH 45227 US UCL BioMedica Pic, C/O Finance, Gower Street, London WC1E 6BT UNITED KINGDOM  hereby appoints (appoint) the following person as:    agent	The undersigned applicant(s) (Names should be indicated	us they appear in the request):					
Name and address (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  JOHNSON, Philip S. & GRESSEL, Gerry S. Johnson & Johnson Plaza New Brunswick, NJ 08933  US  to represent the undersigned before	GEE, Kevin K. 18 Highland Crossing, Scituate, Massachusetts 02066 USA TIERNEY, Scott J. 13 Winter Street, Taunton, Massachusetts 02780 USA SWAIN, Christopher Paul, 41 Willow Road, London, England NW3 1TN UNITED KINGDOM LONG, Gary L., 3722 Pleasant Street, Cincinnati, OH 45227 US						
Name and address (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  JOHNSON, Philip S. & GRESSEL, Gerry S. Johnson & Johnson Plaza New Brunswick, NJ 08933  US  to represent the undersigned before							
(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  JOHNSON, Philip S. & GRESSEL, Gerry S. Johnson & Johnson Plaza New Brunswick, NJ 08933  US  to represent the undersigned before	hereby appoints (appoint) the following person as:	agent common representative					
GRESSEL, Gerry S. Johnson & Johnson One Johnson B. Johnson Plaza New Brunswick, NJ 08933 US  to represent the undersigned before    X   all the competent International Authorities   the International Scarching Authority only   the International Preliminary Examining Authority only  in connection with the international application identified below:    Title of the invention: GUIDE WIRE HAVING BENDING SEGMENT    Applicant's or agent's file reference: END-5244PCT   International application number (if already available): N/A  filed with the following Office   UNITED STATES PATENT AND TRADEMARK OFFICE   as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(a) (where there are several applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity is which the person signing if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor   Date		fficial designation. The address must include postal code and name of country.)					
the International Scarching Authority only the International Preliminary Examining Authority only in connection with the international application identified below: Title of the invention: GUIDE WIRE HAVING BENDING SEGMENT  Applicant's or agent's file reference: END-5244PCT International application number (if already available): N/A filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are several applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor Date  Gregory J. Bakos, Inventor Date  Name of the person signs, if such capacity is not obvious from reading the request or this power):  Date Date Date JAM OF  Scott J. TIERNEY, Inventor Date  Date Date Date Date	GRESSEL, Gerry S. Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933						
in connection with the international application identified below:  Title of the invention: GUIDE WIRE HAVING BENDING SEGMENT  Applicant's or agent's file reference: END-5244PCT  International application number (if already available): N/A  filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are neveral applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor	to represent the undersigned before	all the competent International Authorities					
in connection with the international application identified below:  Title of the invention: GUIDE WIRE HAVING BENDING SEGMENT  Applicant's or agent's file reference: END-5244PCT  International application number (if already available): N/A  filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are several applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor Date  Gregory J. Bakos, Inventor Date  Scott J. TIERNEY, Inventor Date  Date DA DA DE  Date DA DA DE  Date DA DA DE		the International Searching Authority only					
Applicant's or agent's file reference: END-5244PCT  International application number (if already available): N/A  filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are neveral applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor		the International Preliminary Examining Authority only					
Applicant's or agent's file reference: END-5244PCT  International application number (if already available): N/A  filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are neveral applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor	in connection with the international application identific	d below.					
International application number (if already available): N/A  filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are several applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor	· · ·						
filed with the following Office UNITED STATES PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are several applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor Date  Gregory J. Bakos, Inventor Date  Kevin K. GEE, Inventor Date  Date  Date  Date  Date  Date  Date	Applicant's or agent's file reference: END-5244PCT						
and to make or receive payments on behalf of the undersigned.  Signature of the applicant(s) (where there are neveral applicants, each of them must sign: next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  Gary L. Long, Inventor	International application number (if al	ready available): N/A					
Gary L. Long, Inventor Date							
Gregory J. Bakos, Inventor							
Kevin K. GEE, Inventor	Gary L. Long, Inventor	Date					
Scott J. TIERNEY, InventorDate	Gregory J. Bakos, Inventor	Date					
	Kevin K. GEE, Inventor	Date 09/50/05					
Date:	Scott J. TIERNEY, Inventor	Date					
	Date:						

Form PCT/Model of power of attorney (for a given international application) (July 1992)

POWER OF ATTORNEY
(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The section of south and a first transfer of				
The undersigned applicant(s) (Names should be indicated	-		<i>i)</i> :	
BAKOS, Gregory J. 6330 Redwood Court, Mas GEE, Kevin K. 18 Highland Crossing, Scituate, TIERNEY, Scott J. 13 Winter Street, Taunton, SWAIN, Christopher Paul, 41 Willow Road, Lon LONG, Gary L., 3722 Pleasant Street, Cincinna UCL BioMedica Plc, C/O Finance, Gower Stree	, Mass Mass ndon, I ati, OH	sachusetts 02066 achusetts 02780   England NW3 17 H 45227 US	USA TN UN	NITED KINGDOM
hereby appoints (appoint) the following person as:	X	agent		common representative
Name and address (Family name followed by given name; for a legal entity, full of	official (	designation. The addr	ess mus	st include postal code and name of country.)
JOHNSON, Philip S. & GRESSEL, Gerry S. Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933 US				
to represent the undersigned before	X	all the competent In	nternat	tional Authorities
		the International Se	earchin	ng Authority only
		the International Pr	relimin	nary Examining Authority only
in connection with the international application identifie	ed belc	)w:		
Title of the invention: GUIDE WIRE H	AVIN	IG BENDING SE	GMEN	<b>√</b> T
Applicant's or agent's file reference:	END-5	5244PCT		
International application number (if als	ready	available): N/A		
filed with the following Office UNITED STATES P and to make or receive payments on behalf of the understanding the state of the understanding of the understanding the state of the understanding the understandi			IARK	OFFICE as receiving Office
Signature of the applicant(s) (where there are several applicants the capacity in which the person s	ı, each oj signs, if	f them must sign; next to e such capacity is not ohvu	each sign	nature, indicate the name of the person signing and reading the request or this power):
Gary L. Long, Inventor		·	Dat	e
Gregory J. Bakos, Inventor			Da	te
Kevin K. GEE, Inventor	<del>~~~</del>		D;	ate
Scott J. TIERNEY, Inventor	m	ey	D	ate 9/30/05
Date:				, ,

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)
(PCTRule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):
UCL BioMedica Plc c/o Finance, Gower Street London, WC1E 6BT UNITED KINGDOM
hereby appoints (appoint) the following person as:
Name and address
(Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country.)
JOHNSON, PHILLIP S. & GRESSEL, GERRY S. Johnson & Johnson 1 Johnson & Johnson Plaza New Brunswick, NJ 08933 UNITED STATES OF AMERICA
to represent the undersigned before all the competent International Authorities
the International Searching Authority only
the International Preliminary Examining Authority only
in connection with the international application identified below:
Title of the invention: GUIDE WIRE HAVING BENDING SEGMENT
Applicant's or agent's file reference: END-5244PCT
International application number (if already available): PCT/US2004/009966
filed with the following Office US Patent and Trademark Office
and to make or receive payments on behalf of the undersigned.
Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):  C. A THRHHM  ND - UCL BIOMEDRA
Date: 29 SEPT 2005